and then [decreases] decrease to substantially said first temperature T_1.

3. (Amended) Apparatus according to Claim1, [wherein said] include said plurality of energy pulses being adapted to assist in pulsating said target tissue temperature to aperiodically [increases] increase from a first temperature T_1 to a second temperature T_2 for a first period t_1 and then [decreases] decrease to substantially said first temperature T_1.

4. (Amended) Apparatus according to Claim1, [wherein] include said plurality of energy pulses being adapted to assist in pulsating said target tissue temperature [is] to be substantially uniform in temperature excursion and non-uniform in pulse spacing or period between pulses.

5.(Amended) Apparatus according to Claim 1, [wherein] include said plurality of energy pulses being adapted to assist in pulsating said target tissue temperature [is] to be non-uniform in temperature excursion and substantially uniform in pulse spacing or period between pulses.

15. (Amended) Apparatus for treating a target tissue containing diseased cells sensitive to temperature change comprising:

means for generating a plurality of energy pulses; and

means for controlling said energy pulses to provide a repetitive increase and decrease in temperature of said target tissue over a predetermined time period for causing necrosis of only said diseased cells.

Claim 16 (Amended) Apparatus according to Claim 15, [wherein] include said energy pulses being adapted to provide said repetitive increase and decrease of said target tissue temperature [is periodic] periodically.

Claim 17 (amended) Apparatus according to Claim 15, [wherein] include said energy pulses being adapted to provide said repetitive increase and decrease of said target tissue temperature [is aperiodic] aperiodically.

18. (Amended) Apparatus according to Claim 15, [wherein] include said energy pulses being adapted to provide said increase and decrease of said target tissue [is uniform] uniformly.

19. (Amended) Apparatus according to Claim 15, [wherein] include said energy pulses being adapted to provide said increase and decrease of said target tissue temperature [is non-uniform] non-uniformly.

20. (Amended) Apparatus for treating tissue cells containing one or more defective proteins comprising:

means for alternately heating and cooling said tissue cells with specific timing for each temperature excursion and specific temperatures for each temperature excursion for selectively affecting tissue cells containing one or more defective proteins.

21. (Amended) Apparatus according to Claim 20, [wherein] include said specific timing for each temperature excursion and specific temperature for each temperature excursion [are selected] being selected to cause necrosis of tissue cells containing said defective proteins.

22. (Amended) Apparatus according to Claim 20, [wherein] include said means for alternately heating and cooling said tissue cells with specific timing for each temperature excursion and specific temperatures for each temperature excursion [are selected] being selected to cause necrosis of cells containing a defective protein.

23. (Amended) A method for treating target tissue containing diseased cells sensitive to changes in target tissue temperature comprising the steps of:

directing a plurality of energy pulses toward said target tissue; and

increasing and decreasing said target tissue temperature over a predetermined period of time to selectively cause necrosis of substantially only said diseased cells.